

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0522]

MAY 2022

Sub. Code : 6053

**M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)
FIRST YEAR – SUPPLEMENTARY (CBME)
PAPER I – PHYSIOLOGY**

Q.P. Code: 526053

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQs)

Answer All Questions

I. Essay:

(2 x 15 = 30)

1. Describe the digestion and absorption of fat in the digestive tract. Add a note on steatorrhea.
2. Mention the various phases of menstrual cycle. Correlate the ovarian changes with endometrial changes during the menstrual cycle.

II. Short Notes :

(10 x 5 = 50)

1. Inter cellular connections.
2. Types of polycythemia and complications due to this conditions.
3. Humoral immunity.
4. Transfusion reaction.
5. Molecular basis of action potential.
6. Plasticity of smooth muscle.
7. Peculiarities of renal blood flow.
8. Parathormone.
9. Patho-physiology of diabetes mellitus.
10. Barrier contraceptives.
